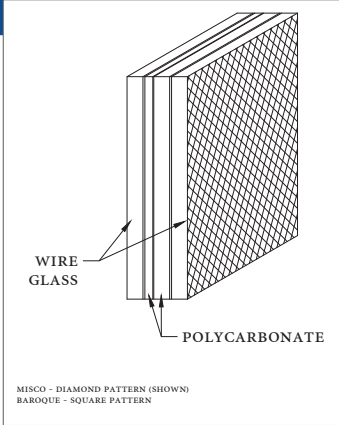




FORCEPROTECT
FORCED ENTRY RESISTANT GLASS
BY INSULGARD

FIRE-GARD® ICGCP2416WW90



Innovative glazing solutions for forced entry protection.

PRODUCT DESCRIPTION

FIRE-GARD® ICGCP2416WW90 HAS BEEN TESTED TO FORCED ENTRY PERFORMANCE STANDARDS AND FIRE RATINGS BELOW.

TECHNICAL DATA

- Nominal Thickness: 1.31"
- Tolerance: 1.19" / 1.43"
- Weight: 12.66 lbs per SF
- Available Sizes: 330 square inches of clear opening. Maximum Exposed Viewing Area-Any size up to 10" x 33"

PERFORMANCE

- Fire Rating: Tested in accordance with UL Standard Fire Tests of Door Assemblies UL 10C for a 90-minute fire resistant rating with hose stream. UL File # KCMZ.R1 3833
- Attack Resistance: ASTM F-1 915 Grade 1, 60 minute containment rated WMFL Level III – 60 minute physical attack - 25 shots (Ballistics -.44 magnum)

CONSTRUCTION

- Baroque Wire 1/4"
- Urethane: .050"
- Polycarbonate: 1/8"
- Urethane: .025"
- Polycarbonate: 3/4"
- Urethane: .025"
- Polycarbonate: 1/8"
- Urethane: .050"
- Baroque Wire 1/4"

INSTALLATION

- All glazing to be installed with UL classified Metacaulk 950 or Blazeseal joint treatment as manufactured by Metalines, Inc. to maintain UL label requirements. For general glazing guidelines refer to the Glass Association of North America (GANA) Glazing Manual 2004 or latest edition. See Global Security Glazing (Glazing Guidelines) for further information.
- Note: ICGCP2416WW90 is manufactured with two plies of wire glass which are impossible to align perfectly. Visibility may be obscured to some degree. ICGCP2416WW90 is only available in clear glazing.
- CAUTION: FRP products containing wire glass are intended for interior use only as breakage may occur due to thermal stress.

APPLICABLE STANDARDS

- ANSI Z97.1
- CPSC 16 CFR 1201 (Category I and II)
- ASTM C 1036
- ASTM C 1349
- UL 9
- UL 10C

The materials, products, and services of Insulgard™ Security Products, its subsidiaries and affiliates ("Seller") are sold subject to Seller's standard conditions of sale, which can be found at www.polymershapes.com and are available upon request. Although any information or recommendation contained herein is given in good faith, Seller makes no warranty or guarantee, express or implied, (i) that the results described herein will be obtained under end-use conditions, or (ii) as to the effectiveness or safety of any design incorporating seller's products, services or recommendations. Except as provided in Seller's standard conditions of sale, Seller shall not be responsible for any loss resulting from any use of its products or services described herein. Each user is responsible for making its own determination as to the suitability of Seller's products, services or recommendations for the user's particular use through appropriate end-use testing and analysis. Nothing in any document or oral statement shall be deemed to alter or waive any provision of Seller's Standard Conditions of Sale or this Disclaimer, unless it is specifically agreed to in a writing signed by Seller. No statement by Seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Seller or as a recommendation for the use of such product, service or design in a manner that infringes any patent or other intellectual property right. ©2021 Polymershapes LLC. All rights reserved. Bulletblock™ and Insulgard™ are trademarks of Polymershapes LLC. Version: 11.2.21

INSULGARD
SECURITY PRODUCTS
insulgard.com | 800.624.6315